

09/647544
PTO/PCT Rec'd 26 OCT 2000

Attorney's Docket No. 003300-685

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	BOX PCT
)	Attention: DO/EO/US
EVY LUNDGREN-ÅKERLUND)	
)	
Application No.: 09/647,544)	Group Art Unit: Unassigned
)	
Filed: October 2, 2000)	Examiner: Unassigned
)	
For: AN INTEGRIN HETERODIMER)	
AND A SUBUNIT THEREOF)	

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a national phase filing of International Application No. PCT/SE99/00544,
filed March 31, 1999.

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56 Applicant
submits information in conformance with 37 C.F.R. §§1.97 and 1.98.

Provided herewith are copies of the International Search Report dated July 30, 1999
and the International Preliminary Examination Report dated June 15, 2000.

Copies of the following items that were cited during the international phase of
prosecution are enclosed.

- (1) J. Biol. Chem., Vol. 273, "Isolation, Cloning,
and Sequence Analysis of Integrin Subunit $\alpha 10$,
a $\beta 1$ -Associated Collagen Binding Integrin
Expressed on Chondrocytes"
August 7, 1998, Pages 20383 to 20389.

- (2) International Publication No. WO 92/19647
Applicant: THE SCRIPPS RESEARCH INSTITUTE
Published: November 12, 1992
- (3) J. Cell Biol., Vol. 115, No. 1, Takada, Y. et al., "Molecular Cloning and Expression of the cDNA for Alpha 3 Subunit of Human Alpha 3 Beta 1 (VLA-3), an Integrin Receptor for Fibronectin, Laminin, and Collagen", October 1991, Pages 257 to 266, Medline Abstract No. 92011866.
- (4) EMBO J., Vol. 8, No. 5, Takada, Y. et al., "The Primary Structure of the Alpha 4 Subunit of VLA-4: Homology to Other Integrins and a Possible Cell-Cell Adhesion Function", May 1989, Pages 1361-1368, Medline Abstract No. 89356603.
- (5) J. Cell Biol., Vol. 138, No. 5, "Integrin $\alpha 2\beta 1$ Is a Receptor for the Cartilage Matrix, Protein Chondroadherin", September 8, 1999, Pages 1159 to 1167.
- (6) International Publication No. WO 94/25487
Applicant: CHILDREN'S MEDICAL CENTER CORPORATION
Published: November 10, 1994.
- (7) European Patent Application No. 0330506
Applicant: DANA-FARBER CANCER INSTITUTE
Published: August 30, 1989

Applicant additionally provides copies of the following:


- (8) Exp Cell Res., Vol. 221, Karin Holmvall et al., "Chondrocyte and Chondrosarcoma Cell Integrins with Affinity for Collagen Type II and Their Response to Mechanical Stress", Pages 496 to 503 (1995).
[Discussed at Page 17 of Specification]

- (9) International Publication No. WO 97/31653
Applicant: BETH ISRAEL HOSPITAL ASSOCIATION
Published: September 4, 1997

For the convenience of the Examiner, a form PTO-1449 is provided that lists the above items. It is requested that an Examiner initialed copy of this form be returned to the undersigned once these items are considered.

Respectfully submitted,

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